

WHAT IS CLAIMED IS:

1. An apparatus for measuring performance of a reception processing device of a TV signal, comprising:
  - a generating section for generating and outputting a digital signal;
  - a noise section for generating a predetermined level of noise;
  - 5 a signal comparing section for comparing said analog TV signal corresponding to said digital signal outputted from said generating section, said analog TV signal being added with said noise generated by said noise section and subjected to reception processing by said reception processing device, with said digital signal outputted from said generating section
  - 10 between digital signals; and
  - a determining section for determining said performance based on a comparison result of said signal comparing section.
2. The reception performance measuring apparatus according to claim 1, wherein  
said predetermined level is variably adjusted.
3. The reception performance measuring apparatus according to claim 2, wherein  
said generating section includes a signal modulating portion for modulating generated said digital signal into an electric wave and
- 5 outputting the electric wave.
4. The reception performance measuring apparatus according to claim 3, wherein  
said signal comparing section includes a signal converting portion for receiving said analog TV signal after said reception processing and
- 5 converting received said analog TV signal into said digital signal for said comparison, and compares said digital signal generated by said generating section with said digital signal converted by said signal converting portion.

5. The reception performance measuring apparatus according to claim 4, further comprising:  
an output portion for outputting a result of determination executed by said determining section.

6. The reception performance measuring apparatus according to claim 5, wherein  
said predetermined level is outputted to said output portion.

7. The reception performance measuring apparatus according to claim 1, wherein  
said generating section includes a signal modulating portion for modulating generated said digital signal into an electric wave and  
5 outputting the electric wave.

8. The reception performance measuring apparatus according to claim 1, wherein  
said signal comparing section includes a signal converting portion for receiving said analog TV signal after said reception processing and  
5 converting received said analog TV signal into said digital signal for said comparison, and compares said digital signal generated by said generating section with said digital signal converted by said signal converting portion.

9. The reception performance measuring apparatus according to claim 1, further comprising:  
an output portion for outputting a result of determination executed by said determining section.

10. The reception performance measuring apparatus according to claim 9, wherein  
said predetermined level is outputted to said output portion.